

Product datasheet for **RG200946**

ISG20L2 (NM_030980) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ISG20L2 (NM_030980) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ISG20L2
Synonyms:	FLJ12671
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200946 representing NM_030980 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTACTTTACTGCTCAATCTGGATTTTGGGAACCTCCTCCAAAAAGGCATTAGAAGGAAATGCCA
AGCACCGAAATTTGTCAAGAAGCGGAGGCTCTTAGAACGGAGAGGCTTTCTGAGTAAAAAGAACCAACC
CCCTAGCAAGGCGCCTAAGTTGCACTCTGAACCTTCAAAGAAAGGGGAACTCCTACGGTCGATGGCACT
TGGAAGACCCCTTCCTTCCAAAAAAGAAGACAGCTGCTTCCAGCAATGGGTGAGACAGCCCTGGACA
AGAAAGCTGCAGTGTCTTGGTTGACCCCTGCCCTTCAAAAAAGGCTGATTCTGTTGCTGCTAAAGTAGA
TTTGCTGGGGAGTTCCAGAGTGCCCTTCCAAAGATCAATAGCCACCCAACCCGCTCTCAGAAGAAGAGC
TCCCAGAAGAAATCCTCTAAAAAGAACCATCCTCAGAAGAATGCCCCACAGAACTCCACCCAAGCTCATT
CAGAGAATAAATGCTCCGGAGCATCCCAGAAGTTGCCACGGAAGATGGTGGCAATTGACTGTGAGATGGT
GGGCACAGGACCAAAGGGGCATGTTAGTTCCTTGCTCGATGTAGCATTGTCAACTACAACGGAGATGTG
CTTTATGACGAGTACATTCTTCCCCCTGCCACATTGTGGACTACCGAACCGGTGGAGTGGTATCCGGA
AGCAGCACATGGTGAATGCCACACCTTCAAGATTGCTCGAGGCCAGATCTTGAAGATACTCACAGGGAA
GATAGTGGTGGGCATGCCATCCACAACGACTTCAAAGCCCTTCAGTACTTTCACCCCAAGTCCCTCACC
CGTGACACCTCCCATATCCCCCCTCAACCGGAAGGCTGACTGCCCGGAGAATGCCACCATGTCTCTGA
AGCATCTACCAAGAAGCTGCTAAACCGGATATCCAGGTTGGGAAGAGCGGACATTCTCTGTGGAAGA
TGCCAGGCCACCATGGAGCTATATAAGTTGGTTGAAGTCGAGTGGGAAGAGCACCTAGCCCGGAATCCC
CCTACAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG200946 representing NM_030980
 Red=Cloning site Green=Tags(s)

MSTLLLNLDFGEPPPKKALEGNAKHRNFVKRRLLERRGFLSKKNQPPSKAPKLHSEPSKKGETPTVDGT
 WKTPSFPKKKTAASSNGSGQPLDKAAVSWLTPAPSKKADSVAAKVDLLGEFQSALPKINSHPTRSQKKS
 SQKKSSKKNHPQKNAPQNSTQAHSENKCSGASQKLPRKMVAIDCEMVGTPKGHVSSLARCSIVNYNGDV
 LYDEYILPPCHIVDYRTRWSGIRKQHMVNATPFKIARGQILKILTGKIVVGHAIHNDFKALQYFHPKSLT
 RDTSHIPPLNRKADCPENATMSLTKHLTKLLNRDIQVGKSGHSSVEDAQATMELYKLVEVEWEHLARNP
 PTD

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_030980

ORF Size: 1059 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_030980.1, NP_112242.1

RefSeq Size: 2051 bp

RefSeq ORF: 1062 bp

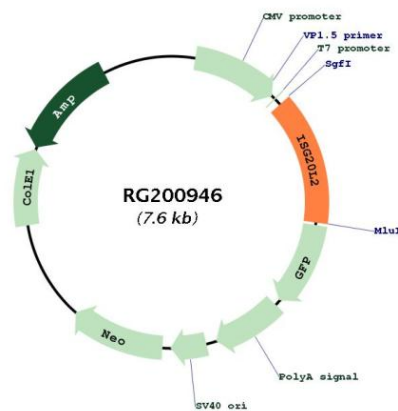
Locus ID: 81875

Cytogenetics: 1q23.1

Domains: EXOIII

Gene Summary: This gene encodes a 3'-5' exoribonuclease that may be involved in the processing of the 12S pre-rRNA. Pseudogenes have been identified on chromosomes 6 and 11. [provided by RefSeq, Dec 2014]

Product images:



Circular map for RG200946